

APPLICATION #



UTAH STATE LIBRARY DIVISION
Capital Facilities Grant Application

Section I: General Application Information

ORGANIZATION Grand County Public Library	
FEDERAL ID # 87-6000304	
PROJECT CONTACT (name and title) Carrie Valdes, Library Director	
ADDRESS 257 East Center Street	
CITY Moab	STATE UT ZIP 84532
PHONE 435-259-5421 x12	FAX 435-259-1380
E-MAIL carrie@moablibrary.org	
PROJECT START DATE: Pending funding	PROJECT END DATE: estimated 6 months after funding
PROJECT TITLE (In less than ten words) Grid-tied photovoltaic addition and renewable energy public information project	
MAIN GOALS (State your goals in one or two sentences) The main goal is the addition of a grid-tied photovoltaic array to the rooftop of the Grand County Public Library. The secondary goal is a renewable energy public information project available at the library and online.	
FUNDING SOURCES (From complete detailed budget page)	
Grant Request	\$ 50,000
Other Funding Sources (Grants, Private Donations, Public Donations)	\$ 60,000
TOTAL BUDGET	\$ 110,000
NAME OF EXECUTIVE OFFICER (please print or type) Carrie Valdes	TITLE Library Director
SIGNATURE Carrie Valdes	DATE 09/21/09

Section II: Proposed Scope of Work (attach additional sheets as needed)

PROJECT DESCRIPTION AND EXPECTED RESULTS (Each application should state clearly what is proposed, why it is to be undertaken, what the expected results will be, and what the public benefit will be.)

Installation of photovoltaic electricity grid-tied at the Grand County Public Library will contribute greatly to community awareness of the value and goals of renewable energy. The Library has been named the 2007 Best Small Library in America and the 2008 USL Outstanding Library in Utah. These awards have generated much press and public awareness. These awards were bestowed, in part, because of the Library's efforts to be sustainable and "green." Articles in the nationally-published *Library Journal* demonstrate this awareness amongst the nation's libraries (see "Going Green Without LEED," www.libraryjournal.com/article/CA6370904.html and "Moab's Living Room," www.libraryjournal.com/article/CA6407751.html). Almost 150,000 residents and tourists visit the library each year. A planned computerized exhibit in a high-traffic area at the entrance to the Children's Room will display data about the power generated by the PV array and will give a concrete example of how solar power can bring clean renewable energy to the community. A link to the Library's web page is planned so that information about renewable energy will be spread throughout the online community as well. Acceptance of renewable energies is almost certain to grow, and the young people will receive a priceless introduction to the use of renewable energy in their community.

PARTNERSHIPS (Please list community supporters, funding agents, sponsorships, strategic alliances; applicants may attach up to five Letters of Support.)

Partial funding has already been secured from the Rocky Mountain Blue Sky Program. The Grand County Public Library is a centerpiece for the Moab community, and is a national leader in sustainability for libraries. While the Library Board felt it could not justify the expense of LEED certification at the time of the building's design and construction in 2006, it is now felt that "doing more" with solar power is the responsible direction for the library to establish a positive example for citizens, businesses, and government agencies. There are additional funds available in the library's capital projects account.

PLAN OF WORK (Outline your plan of work, include what steps are planned with specific dates and activities. Include beginning date, completion date, and source of operation and maintenance funding.)

A solar photovoltaic array will be installed with ballasted mounts, thereby maintaining the roof membrane warranty. Schott Solar PV Modules will be purchased with price determined by Utah State Contract. Although the newly-constructed, energy efficient library building uses only 55% of the power per square foot of the old library, the demand on the grid to power the building's geothermal air handlers and almost 80 computers is significant. By supplementing the library's draw with solar energy, the taxpayer burden for building operation may be channeled toward book collections, children's programs, and more. Preliminary design is pending grant acceptance. Time to complete is estimated at approximately three months.

Section III: Project Budget

PROJECT EXPENDITURE OF CASH OR THE VALUE OF IN-KIND SERVICES	Grant funds	Cash match	In-kind match	Total
Materials and equipment (itemize)				
Capital improvements (itemize)				
Supplies				
Personnel - labor, volunteer, contracted, professional and technical service				
Other expenses				
TOTALS				\$110,000

FUNDING SOURCES (From complete detailed budget page)	
Grant Request	\$50,000
Other Funding Sources- specify type and source (grants, private donations, public donations) Rocky Mountain Blue Sky Grant = \$50,000, Library Capital Projects=\$10,000	\$60,000
TOTAL BUDGET	\$110,000

Recommended Attachments:	
<ul style="list-style-type: none">— Organizational Chart— List of Board of Directors/Advisory Board— Statement of Organization's Financial Solvency— Detailed Cost Estimates for Project	<ul style="list-style-type: none">— Architectural Renderings— ADA Access Plan— Long-term Operation and Maintenance Plan

For questions contact Division Capital Grant coordinator: Dr. Steve Matthews at;
smatthews@utah.gov or 801-715-6722.

Submit Completed Applications to:

**Director, Utah State Library Division
250 North 1950 West, Suite A
Salt Lake City, UT 84116-7901**